

Dr. Duke's Phytochemical and Ethnobotanical Database

List of Plants for MUCILAGE

Plant	Part	Low PPM	High PPM	StdDev	Reference
<i>Abelmoschus esculentus</i>	Fruit	--	6000	-0.7970811413304553	Wealth of India.
<i>Abelmoschus manihot</i>	Root	--	--		--
<i>Abelmoschus moschatus</i>	Root	--	--		ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
<i>Abies balsamea</i>	Plant	--	--		--
<i>Acacia farnesiana</i>	Plant	--	--		Pakistan Encyclopedia Planta Medica. 1986.
<i>Acacia nilotica</i>	Plant	--	--		--
<i>Acorus calamus</i>	Plant	8000	8000	-1.4692496950899154	--
<i>Adiantum capillus-veneris</i>	Plant	--	--		--
<i>Agathosma betulina</i>	Leaf	--	--		CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
<i>Ailanthus altissima</i>	Plant	--	--		--
<i>Aloe vera</i>	Plant	--	--		Pakistan Encyclopedia Planta Medica. 1986.
<i>Aloe vera</i>	Leaf	--	--		Segal, A., Taylor, J. A., Eoff III, J. C. 1968. A Re-Investigation of the Polysaccharide Material from Aloe vera mucilage. <i>Lloydia</i> 31(4): 423E.
<i>Althaea officinalis</i>	Root	50000	350000	1.8163629857243206	--
<i>Althaea officinalis</i>	Plant	--	210000	0.7288213596117523	--
<i>Althaea officinalis</i>	Leaf	60000	157000	1.32247213063027	--

Plant	Part	Low PPM	High PPM	StdDev	Reference
<i>Amaranthus spinosus</i>	Leaf	--	--		List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
<i>Ammi majus</i>	Seed	--	--		--
<i>Anisomeles indica</i>	Seed	16000	16000	-1.142393614131197	Wealth of India.
<i>Anredera baselloides</i>	Plant	--	--		Grenand, P., Moretti, C., and Jacquemin, H. 1987. Pharmacopees Traditionnelles en Guyane. l'ORSTROM, Paris. 569 pp.
<i>Apium graveolens</i>	Plant	--	--		Pakistan Encyclopedia Planta Medica. 1986.
<i>Araucaria bidwillii</i>	Seed	--	--		List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
<i>Arctium lappa</i>	Plant	50000	120000	-0.25051722911671365	Pedersen, M. 1987. Nutritional Herbology. Pederson Publishing. Bountiful, Utah. 377 pp.
<i>Arctium lappa</i>	Root	11750	120000	-0.2513892222400114	--
<i>Areca catechu</i>	Seed	--	--		--
<i>Arnica montana</i>	Rhizome	--	--		--
<i>Barosma betulina</i>	Leaf	--	--		--
<i>Bixa orellana</i>	Seed	--	44000	-0.9660399853095324	Wealth of India.
<i>Bletilla striata</i>	Tuber	--	--		Chemical Constituents of Oriental Herbs (3 diff. books)
<i>Borago officinalis</i>	Plant	110000	300000	1.7081599483402181	--
<i>Borago officinalis</i>	Shoot	--	--		Jim Duke's personal files.
<i>Boswellia sacra</i>	Latex Exudate	--	120000		--

Plant	Part	Low PPM	High PPM	StdDev	Reference
<i>Boswellia sacra</i>	Resin, Exudate, Sap	120000	200000		--
<i>Brassica nigra</i>	Seed	200000	200000	0.01650166098259861	List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
<i>Caesalpinia pulcherrima</i>	Seed	--	--		--
<i>Calendula officinalis</i>	Flower	15000	15000	-1.6128887758414006	--
<i>Capparis spinosa</i>	Plant	--	--		--
<i>Carthamus tinctorius</i>	Flower	--	--		--
<i>Centaurea cyanus</i>	Flower	--	--		List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
<i>Ceratonia siliqua</i>	Fruit	20000	30000	1.4102204808154215	List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
<i>Ceratonia siliqua</i>	Seed	400000	400000	1.2761704382802022	List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
<i>Cinnamomum aromaticum</i>	Bark	--	--		Bisset, N.G., ed. 1994. Herbal Drugs and Phytopharmaceuticals. CRC Press. Boca Raton, FL. 566 pp.
<i>Cinnamomum verum</i>	Bark	20000	37000	-1	--
<i>Citrus limon</i>	Fruit	--	--		--
<i>Cnicus benedictus</i>	Plant	15960	200000	0.6200059608641451	--

Plant	Part	Low PPM	High PPM	StdDev	Reference
<i>Collinsonia canadensis</i>	Plant	--	--		Newall, C. A., Anderson, L. A. and Phillipson, J. D. 1996. <i>Herbal Medicine - A Guide for Health-care Professionals</i> . The Pharmaceutical Press, London. 296pp.
<i>Colocasia esculenta</i>	Root	40000	10700	-1.2340210323726266	--
<i>Commelina communis</i>	Plant	--	--		List, P.H. and Horhammer, L., <i>Hager's Handbuch der Pharmazeutischen Praxis</i> , Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
<i>Corchorus olitorius</i>	Plant	--	--		--
<i>Costus speciosus</i>	Rhizome	--	--		ANON. 1948-1976. <i>The Wealth of India raw materials</i> . Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
<i>Curcuma zedoaria</i>	Rhizome	--	--		--
<i>Cycas revoluta</i>	Stem	--	--		--
<i>Cydonia oblonga</i>	Seed	200000	220000	0.142468538712359	--
<i>Cynara cardunculus</i>	Plant	--	--		--
<i>Dioscorea villosa</i>	Root	36000	150000	0.018317587494466638	--
<i>Elytrigia repens</i>	Rhizome	100000	110000		--
<i>Ficus carica</i>	Fruit	8000	8000	-0.6131393394849656	--
<i>Filipendula ulmaria</i>	Plant	--	--		Newall, C. A., Anderson, L. A. and Phillipson, J. D. 1996. <i>Herbal Medicine - A Guide for Health-care Professionals</i> . The Pharmaceutical Press, London. 296pp.
<i>Fucus vesiculosus</i>	Plant	--	--		--
<i>Gastrodia elata</i>	Rhizome	--	--		--

Plant	Part	Low PPM	High PPM	StdDev	Reference
<i>Genista tinctoria</i>	Plant	--	--		--
<i>Guazuma ulmifolia</i>	Fruit	--	--		--
<i>Hibiscus sabdariffa</i>	Calyx	15000	650000		--
<i>Hydrangea paniculata</i>	Bark	--	--		--
<i>Hyoscyamus niger</i>	Plant	--	--		--
<i>Inula helenium</i>	Plant	--	--		Newall, C. A., Anderson, L. A. and Phillipson, J. D. 1996. <i>Herbal Medicine - A Guide for Health-care Professionals</i> . The Pharmaceutical Press, London. 296pp.
<i>Iris x germanica</i>	Rhizome	--	--		--
<i>Jateorhiza palmata</i>	Root	--	--		--
<i>Kalanchoe pinnata</i>	Plant	--	--		Tramil
<i>Lepidium sativum</i>	Seed	50000	50000	-0.9282499219906043	--
<i>Linum usitatissimum</i>	Seed	20000	70000	-0.7141062298500116	--
<i>Malva sylvestris</i>	Plant	--	--		--
<i>Malva sylvestris</i>	Flower	80000	100000	0.8352459732035825	Bisset, N.G., ed. 1994. <i>Herbal Drugs and Phytopharmaceuticals</i> . CRC Press. Boca Raton, FL. 566 pp.
<i>Marrubium vulgare</i>	Plant	--	--		--
<i>Matricaria recutita</i>	Flower	--	100000	0.8352459732035825	List, P.H. and Horhammer, L., <i>Hager's Handbuch der Pharmazeutischen Praxis</i> , Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
<i>Mercurialis annua</i>	Root	28000	28000	-1.0784901054257443	--

Plant	Part	Low PPM	High PPM	StdDev	Reference
<i>Mimosa pudica</i>	Seed	--	--		--
<i>Morus alba</i>	Fruit	--	--		--
<i>Ocimum basilicum</i>	Seed	93000	93000	-0.6574211348716195	--
<i>Ocimum basilicum</i>	Seed Oil	--	--		--
<i>Ocimum sanctum</i>	Seed	--	--		ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
<i>Ocimum tenuiflorum</i>	Seed	--	--		--
<i>Oenothera biennis</i>	Plant	--	--		--
<i>Ophiopogon japonicus</i>	Tuber	--	--		--
<i>Opuntia ficus-indica</i>	Stem	--	--		--
<i>Ornithogalum umbellatum</i>	Bulb	--	--		--
<i>Parthenocissus quinquefolia</i>	Plant	--	--		--
<i>Paullinia cupana</i>	Seed	--	--		CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
<i>Petasites japonicus</i>	Root	--	--		Williamson, E. M. and Evans, F. J., Potter's New Cyclopaedia of Botanical Drugs and Preparations, Revised Ed., Saffron Walden, the C. W. Daniel Co., Ltd., Essex UK, 362 pp, 1988, reprint 1989.
<i>Petroselinum crispum</i>	Root	--	--		List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
<i>Physalis alkekengi</i>	Plant	--	--		--
<i>Physalis peruviana</i>	Plant	--	--		--

Plant	Part	Low PPM	High PPM	StdDev	Reference
<i>Pinus strobus</i>	Plant	--	--		Leung, A.Y., Encyclopedia of Common Natural Ingredients Used in Food, Drugs, and Cosmetics, John Wiley & Sons, New York, 1980.
<i>Piper angustifolium</i>	Leaf	--	--		--
<i>Plantago asiatica</i>	Seed	--	--		--
<i>Plantago major</i>	Plant	--	--		--
<i>Plantago major</i>	Seed	75000	250000	0.3314188553069996	--
<i>Plantago ovata</i>	Seed	100000	300000	0.6463360496314006	--
<i>Plantago ovata</i>	Seed Coat	--	--		--
<i>Plantago psyllium</i>	Seed	65400	400000	1.2761704382802022	--
<i>Polygonum hydropiper</i>	Plant	--	--		--
<i>Portulaca oleracea</i>	Plant	4200	4200	-1.510599546614006	Leung, A. Y. and Foster, S. 1995. Encyclopedia of Common Natural Ingredients 2nd Ed. John Wiley & Sons, New York. 649 pp.
<i>Prunus dulcis</i>	Seed	20000	30000	-0.9912333608554845	--
<i>Pterocarpus marsupium</i>	Plant	--	--		=ICMR(Indian Council of Medical Research).1976.Medicinal Plants of India.Vol.1.Indian Council of Med. Res.Cambridge Printing Works, New Delhi.487 pp;ICMR.1987.Medicinal Plants of India.Vol.2.Indian Council of Med. Res.Cambr. Printing Works,New Delhi.600pp
<i>Punica granatum</i>	Petiole	6000	340000		--
<i>Punica granatum</i>	Pericarp	6000	340000		--
<i>Ruscus aculeatus</i>	Plant	100000	150000	0.07592896712610823	Pedersen, M. 1987. Nutritional Herbology. Pederson Publishing. Bountiful, Utah. 377 pp.
<i>Ruscus aculeatus</i>	Root	30200	150000	0.018317587494466638	--

Plant	Part	Low PPM	High PPM	StdDev	Reference
<i>Salvia</i> sp.	Seed	--	--		List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
<i>Sambucus canadensis</i>	Seed	--	--		List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
<i>Sambucus nigra</i>	Plant	--	--		Newall, C. A., Anderson, L. A. and Phillipson, J. D. 1996. Herbal Medicine - A Guide for Health-care Professionals. The Pharmaceutical Press, London. 296pp.
<i>Sambucus simpsonii</i>	Flower	--	--		Grenand, P., Moretti, C., and Jacquemin, H. 1987. Pharmacopees Traditionnelles en Guyane. l'ORSTROM, Paris. 569 pp.
<i>Sassafras albidum</i>	Root	--	--		List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
<i>Satureja hortensis</i>	Plant	--	--		List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
<i>Senna alexandrina</i>	Plant	--	--		CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
<i>Senna occidentalis</i>	Seed	360000	360000	1.0242366828206817	--
<i>Sida rhombifolia</i>	Stem	--	--		--
<i>Silybum marianum</i>	Seed	--	--		--
<i>Sinapis alba</i>	Seed	--	--		--
<i>Solanum tuberosum</i>	Plant	--	--		--
<i>Spigelia marilandica</i>	Plant	--	--		--

Plant	Part	Low PPM	High PPM	StdDev	Reference
<i>Stellaria media</i>	Plant	16600	200000	0.6200059608641451	--
<i>Sterculia urens</i>	Gum	700000	750000		--
<i>Symphytum officinale</i>	Root	290000	290000	1.2769493662553644	--
<i>Syzygium aromaticum</i>	Plant	--	--		--
<i>Tamarindus indica</i>	Seed	--	--		--
<i>Taraxacum officinale</i>	Root	11000	85000	-0.5660471669302359	--
<i>Thuja occidentalis</i>	Branches	--	--		--
<i>Tilia sp.</i>	Flower	--	--		--
<i>Trigonella foenum-graecum</i>	Seed	180000	280000	1.906004826929004	--
<i>Tussilago farfara</i>	Flower	69000	69000	-0.05760317056576431	--
<i>Tussilago farfara</i>	Leaf	82000	82000	-0.22729989745207765	--
<i>Ulmus rubra</i>	Bark	41000	350000	1	--
<i>Uncaria catechu</i>	Branches	--	--		--
<i>Urginea indica</i>	Tuber	510000	510000		--
<i>Urtica dioica</i>	Plant	--	--		List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
<i>Verbascum thapsus</i>	Seed	3700	3700	-1.2198632439349997	--
<i>Verbascum thapsus</i>	Flower	--	--		--
<i>Verbena officinalis</i>	Plant	--	--		--

Plant	Part	Low PPM	High PPM	StdDev	Reference
Viola tricolor	Plant	95000	95000	-0.5225557259857319	--
Zizyphus jujuba	Leaf	40000	40000	-1.0951722331781923	--